

I am writing to express my opposition to Docket 03-104. I am very concerned with the interference that this will cause to the H.F. portion of the radio spectrum. I am a licensed Amateur Radio operator and rely on the h.f. frequencies to provide emergency communications at times. Most of our stations use low power and communications would be impossible if the noise level were too high.

There is no way that power companies can insure against interference being generated by high speed and high frequency broadband modems. Most power lines are uninsulated and have poor splices and connections that generate 60Hz interference now. These poor connections and splices can in no way handle frequencies above 60Hz. All power lines would now become huge antennas that will generate interference into every home. Even the commercial A.M. broadcast band will become useless.

I think more studies need to be conducted by radio engineering personnel before we render all radio communications below v.h.f. useless.

Thank You
Richard Kirby
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